ELSEVIER

1 January 1996

Optics Communications 122 (1995) 213–216

OPTICS COMMUNICATIONS

Author index to volume 122

Ameer-Beg, S., A.J. Langley, I.N. Ross, W. Shaikh and P.F. Taday, An achromatic lens for focusing femtosecond pulses: direct measurement of femtosecond pulse front distortion using a second-order autocorrelation technique 122 (1995) 99
Arnold, J.M., A.D. Boardman, H.M. Mehta and R.C.J. Putman, PPM soliton pulse trains in optical fibres 122 (1995) 48

Bachor, H.A., see T.C. Ralph 122 (1995) 94
Barakat, R., The degrees of freedom of an optical image: incoherent case 122 (1995) 117
Barnes, W.L., see S.C. Kitson 122 (1995) 147
Barry, N.P., see S.C.W. Hyde 122 (1995) 111
Boardman, A.D., see J.M. Arnold 122 (1995) 48
Boothroyd, S.A., see R.P. MacDonald 122 (1995) 169
Buryak, A.V., see S. Trillo 122 (1995) 200

Chen, Y., see Y. Ruan 122 (1995) 135
Chrostowski, J., see R.P. MacDonald 122 (1995) 169

Dainty, J.C., see S.C.W. Hyde 122 (1995) 111
De Angelis, C., M. Santagiustina and S. Wabnitz, Stability of vector solitons in fiber laser and transmission systems 122 (1995) 23
Donin, V.I., V.A. Ivanov, V.I. Kovalevskii and D.V. Yakovin, CW generation from Ti:sapphire pumped with a high-power Ar^+-laser 122 (1995) 40

Egami, C., K. Takeda, M. Isai and M. Ogita, Evanescent-wave spectroscopic fiber optic pH sensor 122 (1995) 122

Ferguson, A.I., see A.P. Willis 122 (1995) 31
French, P.M.W., see S.C.W. Hyde 122 (1995) 111

George, N., see B.J. Stossel 122 (1995) 212
Glas, P., M. Naumann and A. Schirrmacher, A novel design for a high brightness diode pumped fiber laser source 122 (1995) 163
Gong, S., see S. Gu 122 (1995) 28
Goswami, B.K., The interaction between period 1 and period 2 branches and the recurrence of the bifurcation structures in the periodically forced laser rate equations 122 (1995) 189

Grohs, J., see V. Kažukauskas 122 (1995) 83
Gross, B., see J.T. Manassah 122 (1995) 58, 71
Gu, S., S. Gong, B. Liu, J. Wang, B. Li and C. Ye, Study of two-photon transition probability of Cs Rydberg states by field ionization 122 (1995) 28
Günter, P., see K. Nakagawa 122 (1995) 43

Haneishi, H., see S. Zhou 122 (1995) 1
Hyde, S.C.W., N.P. Barry, R. Jones, J.C. Dainty and P.M.W. French, High resolution depth resolved imaging through scattering media using time resolved holography 122 (1995) 111

Isai, M., see C. Egami 122 (1995) 122
Issler, H., see V. Kažukauskas 122 (1995) 83
Ivanov, V.A., see V.I. Donin 122 (1995) 40

Jones, R., see S.C.W. Hyde 122 (1995) 111
Jullien, P., see P. Mathey 122 (1995) 127

Kane, D.M., see A.P. Willis 122 (1995) 31
Kažukauskas, V., J. Grohs, H. Issler, M. Kuball and G. Klingshirn, Investigation of the spatio-temporal development of bistable optical switching in thin CdS crystals using a two-exciting-beam geometry 122 (1995) 83
Kitson, S.C., W.L. Barnes and J.R. Sambles, Photoluminescence from dye molecules on silver gratings 122 (1995) 147
Kivshar, Y.S., see S. Trillo 122 (1995) 200
Klimov, V.V. and V.S. Letokhov, Increase of spontaneous quadrupole transition rate in the vicinity of a dielectric microsphere 122 (1995) 155
Klingshirn, G., see V. Kažukauskas 122 (1995) 83
Kovalevskii, V.I., see V.I. Donin 122 (1995) 40
Kozma, L., see S.V. Kukhlevsky 122 (1995) 35
Kozuru, T., see S. Zhou 122 (1995) 1
Kuball, M., see V. Kažukauskas 122 (1995) 83
Kukhlevsky, S.V. and L. Kozma, Diffraction-limited transverse-coherent radiation of pulsed capillary gas lasers with waveguide resonators 122 (1995) 35

Langley, A.J., see S. Ameer-Beg 122 (1995) 99
Leeson, M.S., Frequency chirp in optical reflection modulators 122 (1995) 105
Letokhov, V.S., see V.V. Klimov 122 (1995) 155
Li, B., see S. Gu 122 (1995) 28
Li, G., L. Liu and C. Zhou, Simplified optical complex multiplication using quater-imaginary number representation 122 (1995) 16
Liu, B., see S. Gu 122 (1995) 28
Liu, L., see G. Li 122 (1995) 16

MacDonald, R.P., S.A. Boothroyd, T. Okamoto, J. Chrostowski and B.A. Syrett, Interboard optical data distribution by Bessel beam shadowing 122 (1995) 169
Machorro, R., see S. Wang 122 (1995) 9
Manassah, J.T. and B. Gross, Amplification without inversion for a signal propagating in a Doppler-free four-level system 122 (1995) 58

Manassah, J.T. and B. Gross, Propagation of femtosecond pulses in a fiber amplifier 122 (1995) 71
Mathey, P. and P. Jullien, Numerical analysis of a WKB inverse method in view of index profile reconstruction in diffused waveguides 122 (1995) 127
Mehta, H.M., see J.M. Arnold 122 (1995) 48
Minemoto, T., see K. Nakagawa 122 (1995) 43
Miyake, Y., see S. Zhou 122 (1995) 1

Nakagawa, K., M. Zgonik, T. Minemoto and P. Günter, Optical thresholding in a self-pumped phase conjugate mirror with a ring cavity 122 (1995) 43
Naumann, M., see P. Glas 122 (1995) 163
Newson, T.P., see P.C. Wait 122 (1995) 141

Ogita, M., see C. Egami 122 (1995) 122
Okamoto, T., see R.P. MacDonald 122 (1995) 169

Putman, R.C.J., see J.M. Arnold 122 (1995) 48

Ralph, T.C. and H.A. Bachor, Noiseless amplification of the coherent amplitude of bright squeezed light using a standard laser amplifier 122 (1995) 94
Ross, I.N., see S. Ameer-Beg 122 (1995) 99
Ruan, Y., Y. Chen and X. Wang, The phase compensation effect of the domain-inverted grating formed in $LiNbO_3$ waveguide 122 (1995) 135

Sambles, J.R., see S.C. Kitson 122 (1995) 147
Santagiustina, M., see C. De Angelis 122 (1995) 23
Schirrmacher, A., see P. Glas 122 (1995) 163
Shaikh, W., see S. Ameer-Beg 122 (1995) 99
Sheppard, C.J.R., Scattering by fractal surfaces with an outer scale 122 (1995) 178
Siqueiros, J., see S. Wang 122 (1995) 9
Stossel, B.J. and N. George, Multiple-point impulse responses: controlled blurring and recovery (Optics Comm. 121 (1995) 156). Erratum 122 (1995) 212
Syrett, B.A., see R.P. MacDonald 122 (1995) 169

Taday, P.F., see S. Ameer-Beg 122 (1995) 99
Takeda, K., see C. Egami 122 (1995) 122
Trillo, S., A.V. Buryak and Y.S. Kivshar, Modulational instabilities and optical solitons due to competition of $\chi^{(2)}$ and $\chi^{(3)}$ nonlinearities 122 (1995) 200

Wabnitz, S., see C. De Angelis 122 (1995) 23
Wait, P.C. and T.P. Newson, Landau Placzek ratio applied to distributed fibre sensing 122 (1995) 141
Wang, J., see S. Gu 122 (1995) 28
Wang, S., J. Siqueiros and R. Machorro, Nonlocal effects on the optical response of a rough surface 122 (1995) 9
Wang, X., see Y. Ruan 122 (1995) 135
Willis, A.P., A.I. Ferguson and D.M. Kane, Longitudinal mode noise conversion by atomic vapour 122 (1995) 31

Yakovin, D.V., see V.I. Donin 122 (1995) 40

Ye, C., see S. Gu 122 (1995) 28

Zgonik, M., see K. Nakagawa 122 (1995) 43
Zhou, C., see G. Li 122 (1995) 16
Zhou, S., T. Kozuru, H. Haneishi and Y. Miyake, Electronic endoscopy using dual polarizing filters to reduce the specular component 122 (1995) 1

ELSEVIER

1 January 1996

Optics Communications 122 (1995) 217–218

OPTICS COMMUNICATIONS

Subject index to volume 122

Propagation and transmission in homogeneous media

Electronic endoscopy using dual polarizing filters to reduce the specular component, S. Zhou, T. Kozuru, H. Haneishi and Y. Miyake 122 (1995) 1
An achromatic lens for focusing femtosecond pulses: direct measurement of femtosecond pulse front distortion using a second-order autocorrelation technique, S. Ameer-Beg, A.J. Langley, I.N. Ross, W. Shaikh and P.F. Taday 122 (1995) 99
Interboard optical data distribution by Bessel beam shadowing, R.P. MacDonald, S.A. Boothroyd, T. Okamoto, J. Chrostowski and B.A. Syrett 122 (1995) 169

Propagation and transmission in inhomogeneous media

Nonlocal effects on the optical response of a rough surface, S. Wang, J. Siqueiros and R. Machorro 122 (1995) 9
Scattering by fractal surfaces with an outer scale, C.J.R. Sheppard 122 (1995) 178

Optical information, image formation and analysis, optical computing

Simplified optical complex multiplication using quater-imaginary number representation, G. Li, L. Liu and C. Zhou 122 (1995) 16
Frequency chirp in optical reflection modulators, M.S. Leeson 122 (1995) 105
High resolution depth resolved imaging through scattering media using time resolved holography, S.C.W. Hyde, N.P. Barry, R. Jones, J.C. Dainty and P.M.W. French 122 (1995) 111
The degrees of freedom of an optical image: incoherent case, R. Barakat 122 (1995) 117

Optical communications

Stability of vector solitons in fiber laser and transmission systems, C. De Angelis, M. Santagiustina and S. Wabnitz 122 (1995) 23
PPM soliton pulse trains in optical fibres, J.M. Arnold, A.D. Boardman, H.M. Mehta and R.C.J. Putman 122 (1995) 48
Evanescent-wave spectroscopic fiber optic pH sensor, C. Egami, K. Takeda, M. Isai and M. Ogita 122 (1995) 122

Numerical analysis of a WKB inverse method in view of index profile reconstruction in diffused waveguides, P. Mathey and P. Jullien 122 (1995) 127
The phase compensation effect of the domain-inverted grating formed in $LiNbO_3$ waveguide, Y. Ruan, Y. Chen and X. Wang 122 (1995) 135
Landau Placzek ratio applied to distributed fibre sensing, P.C. Wait and T.P. Newson 122 (1995) 141

Atomic, molecular and plasma physics

Study of two-photon transition probability of Cs Rydberg states by field ionization, S. Gu, S. Gong, B. Liu, J. Wang, B. Li and C. Ye 122 (1995) 28
Photoluminescence from dye molecules on silver gratings, S.C. Kitson, W.L. Barnes and J.R. Sambles 122 (1995) 147
Increase of spontaneous quadrupole transition rate in the vicinity of a dielectric microsphere, V.V. Klimov and V.S. Letokhov 122 (1995) 155

Lasers

Longitudinal mode noise conversion by atomic vapour, A.P. Willis, A.I. Ferguson and D.M. Kane 122 (1995) 31
Diffraction-limited transverse-coherent radiation of pulsed capillary gas lasers with waveguide resonators, S.V. Kukhlevsky and L. Kozma 122 (1995) 35
CW generation from Ti:sapphire pumped with a high-power Ar^+-laser, V.I. Donin, V.A. Ivanov, V.I. Kovalevskii and D.V. Yakovin 122 (1995) 40
Amplification without inversion for a signal propagating in a Doppler-free four-level system, J.T. Manassah and B. Gross 122 (1995) 58
A novel design for a high brightness diode pumped fiber laser source, P. Glas, M. Naumann and A. Schirrmacher 122 (1995) 163
The interaction between period 1 and period 2 branches and the recurrence of the bifurcation structures in the periodically forced laser rate equations, B.K. Goswami 122 (1995) 189

Nonlinear optics

Optical thresholding in a self-pumped phase conjugate mirror with a ring cavity, K. Nakagawa, M. Zgonik, T. Minemoto and P. Günter 122 (1995) 43
Propagation of femtosecond pulses in a fiber amplifier, J.T. Manassah and B. Gross 122 (1995) 71
Investigation of the spatio-temporal development of bistable optical switching in thin CdS crystals using a two-exciting-beam geometry, V. Kažukauskas, J. Grohs, H. Issler, M. Kuball and G. Klingshirn 122 (1995) 83
Modulational instabilities and optical solitons due to competition of $\chi^{(2)}$ and $\chi^{(3)}$ nonlinearities, S. Trillo, A.V. Buryak and Y.S. Kivshar 122 (1995) 200